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(54) PRODUCTION OF FINE HOLLOW GLASS SPHERE

(57) Abstract:

PURPOSE: To suppress the occurrence of a melt-stuck body and an unexpanded body without complexing treatment before the feed of fine particles of a volcanic glassy deposit into a fluidized bed type heating furnace.

CONSTITUTION: Fine particles of a volcanic glassy deposit are mixed with a hydrophilic property reducing agent for reducing the hydrophilic property of the fine particles, e.g. a silane coupling agent or silicone oil and the resulting mixture is heat-treated at 900-1,200°C in a fluidized bed type heating furnace.

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